FIG.IA

1	AATTCAACCT	TAACCTTTCT	TATTCTGTAG	TATTCAAAGG	GCACAGAGCG
51	GGGGTTTGAG	CCCCCTCCTG	GGGGAAGAAA	GTCATTAATA	TTGAATCTCA
101	TCATGTCCAC	CGCCCAGGAG	GGCGTTCTGA	CTGTGGTTCG	CTTGACAGTA
15,1	TATCCGAAGG	TGCGGGAGAG	GCGGGTGTTG	AAGATGCCAT	TTTTCCTTCT
201	CCAGCGGTAA	CGGTGGCGGG	GGTGGACGAG	CCAGGGGCGG	CGGCGGAGGA
251	TCTGGCCAAG	ATGGCTGCGG	GGGCGGTGTC	TTCTTCTCCG	GTAACGCCTC
301	CTTGGATACG	TCATATCTGA	AAACGAAAGA	AGTGCGCTGT	AAGTATTACC
351	AGCGCACTTC	GGCAGCGGCA	GCACCTCGGC	AGCACCTCAG	CAGCAACATG
401	CCGAGCAAGA	AGAATGGAAG	AAGCGGACCC	CAACCCCATA	AAAGGTGGGT
451	GTTCACTCTG	AATAATCCTT	CCGAAGACGA	GCGCAAGAAA	ATACGGGATC
501	TTCCAATATC	CCTATTTGAT	TATTTTATTG	TTGGCGAGGA	GGGTAATGAG
551	GAAGGACGAA	CACCTCACCT	CCAGGGGTTC	GCTAATTTTG	TGAAGAAGCA
601	GACTTTTAAT	AAAGTGAAGT	GGTATTTGGG	TGCCCGCTGC	CACATCGAGA
651	AAGCGAAAGG	AACAGATCAG	CAGAATAAAG	AATACTGCAG	TAAAGAAGGC
701	AACTTACTGA	TGGAGTGTGG	AGCTCCTAGA	TCTCAGGGAC	AACGGAGTGA
751	CCTGTCTACT	GCTGTGAGTA	CCTTGTTGGA	GAGCGGGAGT	CTGGTGACCG
801	TTGCAGAGCA	GCACCCTGTA	ACGTTTGTCA	GAAATTTCCG	CGGGCTGGCT
851	GAACTTTTGA	AAGTGAGCGG	GAAAATGCAG	AAGCGTGATT	GGAAGACTAA
901	TGTacACGTC	ATTGTGGGGC	CACCTGGGTG	TGGTAAAAGC	AAATGGGCTG
951	CTAATTTTGC	AGACCCGGAA	ACCACATACT	GGAAACCACC	TAGAAACAAG
001	TGGTGGGATG	GTTACCATGG	TGAAGAAGTG	GTTGTTATTG	ATGACTTTTA
051	TGGCTGGCTG	CCCTGGGATG	ATCTACTGAG	ACTGTGTGAT	CGATATCCAT
101	TGACTGTAGA	GACTAAAGGT	GGAACTGTAC	CTTTTTTGGC	CCGCAGTATT
151	CTGATTACCA	GCAATCAGAC	CCCGTTGGAA	TGGTACTCCT	CAACTGCTGT
201	СССАССТСТА	GAAGCTCTTT	ATCGGAGGAT	TACTTCCTTG	GTATTTTGG

FIG. IB

251	AGAATGCTAC	AGAACAATCC	ACGGAGGAAG	GGGGCCAGTT	CGTCACCCTT
1301	TCCCCCCAT	GCCCTGAATT	TCCATATGAA	ATAAATTACT	GAGTCTTTT
ļ351 [,]	TATCACTTCG	TAATGGTTTT	TATTATTCAT	TAAGGGTTAA	GTGGGGGGTC
L401	TTTAAGATTA	AATTCTCTGA	ATTGTACATA	CATGGTTACA	CGGATATTGT
1451	ATTCCTGGTC	GTATATACTG	TTTTCGAACG	CAGTGCCGAG	GCCTACGTGG
L501	TCLACATTTC	CAGCAGTTTG	TAGTCTCAGC	CACAGCTGGT	TTCTTTTGTT
1551	GTTTGGTTGG	AAGTAATCAA	TAGTGGAATC	TAGGACAGGT	TTGGGGGTAA
L601	AGTAGCGGGA	GTGGTAGGAG	AAGGCTGGG	TTATGGTATG	GCGGGAGGAG
1651	TAGTTTACAT	AGGGGTCATA	GGTGAGGGCT	GTGGCCTTTG	TTACAAAGTT
1701	ATCATCTAGA	ATAACAGCAC	TGGAGCCCAC	TCCCCTGTCA	CCCTGGGTGA
1751	TCGGGGAGCA	GGGCCAG			

1	AATTCAACCT	TAACCTTTCT	TATTCTGTAG	TATTCAAAGG	GCACAGAGCG
51	GGGGTTTGAG	сссстсств	GGGGAAGAAA	GTCATTAATA	TTGAATCTCA
101	TCATGTCCAC	CGCCCAGGAG	GGCGTTTTGA	CTGTGGTTCG	CTTGACAGTA
151	TATCCGAAGG	TGCGGGAGAG	GCGGGTGTTG	AAGATGCCAT	TTTTCCTTCT
201	CCAGCGGTAA	CGGTGGCGG	GGTGGACGAG	CCAGGGGCGG	CGGCGGAGGA
251	TCTGGCCAAG	ATGGCTGCGG	GGGCGGTGTC	TTCTTCTCCG	GTAACGCCTC
301	CTTGGATACG	TCATATCTGA	AAACGAAAGA	AGTGCGCTGT	AAGTATTACC
351	AGCGCACTTC	GGCAGCGGCA	GCACCTCGGC	AGCACCTCAG	CAGCAACATG
401	CCCAGCAAGA	AGAATGGAAG	AAGCGGACCC	CAACCCCATA	AAAGGTGGGT
451	GTTCACTCTG	AATAATCCTT	CCGAAGACGA	GCGCAAGAAA	ATACGGGATC
501	TTCCAATATC	CCTATTTGAT	TATTTTATTG	TTGGCGAGGA	GGGTAATGAG
551	GAAGGACGAA	CACCTCACCT	CCAGGGGTTC	GCTAATTTTG	TGAAGAAGCA
601	GACTTTTAAT	AAAGTGAAGT	GGTATTTGGG	TGCCCGCTGC	CACATCGAGA
651	AAGCGAAAĞG	AACAGATCAG	CAGAATAAAG	AATACTGCAG	TAAAGAAGGC
701	AACTTACTGA	TGGAGTGTGG	AGCTCCTAGA	TCTCAgGGAC	AACGGAGTGA
751	CCTGTCTACT	GCTGTGAGTA	CCTTGTTGGA	GAGCGGGAGT	CTGGTGACCG
801	TTGCAGAGCA	GCACCCTGTA	ACGTTTGTCA	GAAATTTCCG	CGGGCTGGCT
851	GAACTTTTGA	AAGTGAGCGG	GAAAATGCAG	AAGCGTGATT	GGAAGACTAA
901	TGTACACGTC	ATTGTGGGGC	CACCTGGGTG	TGGTAAAAGC	AAATGGGCTG
951	CTAATTTTGC	AGACCCGGAA	ACCACATACT	GGAAACCACC	TAGAAACAAG
1001	TGGTGGGATG	GTTACCATGG	TGAAGAAGTG	GTTGTTATTG	ATGACTTTTA
1051	TGGCTGGCTG	CCCTGGGATG	ATCTACTGAG	ACTGTGTGAT	CGATATCCAT
1101	TGACTGTAGA	GACTAAAGGT	GGAACTGTAC	CTTTTTTGGC	CCGCAGTATT
1151	CTGATTACCA	GCAATCAGAC	CCCGTTGGAA	TGGTACTCCT	CAACTGCTGT
1201	CCCAGCTGTA	GAAGCTCTTT	ATCGGAGGAT	TACTTCCTTG	GTATTTTGGA

FIG. 2B

1251	AGAATGCTAC	AGAACAATCC	ACGGAGGAAG	GGGGCCAGTT	CGTCACCCTT
1301	TCCCCCCAT	GCCCTGAATT	TCCATATGAA	ATAAATTACT	GAGTCTTTTT
1351	TATCACTTCG	TAATGGTTTT	TATTATTCAT	TAAGGGTTAA	GTGGGGGGTC
1401	TTTAAGATTA	AATTCTCTGA	ATTGTACATA	CATGGTTACA	CGGATATTGT
1451	ATTCCTGGTC	GTATATACTG	TTTTCGAACG	CAGTGCCGAG	GCCTACGTGG
1501	TCTACATTTC	CAGTAGTTTG	TAGTCTCAGC	CACAGCTGAT	TTCTTTTGTT
1551	GTTTGGTTGG	AAGTAATCAA	TAGTGGAATC	TAGGACAGGT	TTGGGGGTAA
1601	AGTAGCGGGA	GTGGTAGGAG	AAGGGCTGGG	TTATGGTATG	GCGGGAgGAG
1651	TAGTTTACAT	AGGGGTCATA	GGTGAgGGCT	GTGGCCTTTG	TTACAAAGTT
1701	ATCATCTAGA	ATAACAGCAC	TGGAGCCCAC	TCCCCTGTCA	CCCTGGGTGA
1751	TCGGGGAGCA	GGGCCAG		· · .	

FIG. 3A

1	AATTĆAACCT	TAACCTTTTT	TATTCTGTAG	TATTCAAAGG	GTATAGAGAT
51	TTTGTTGGTC	CCCCCTCCCG	GGGGAACAAA	GTCGTCAATA	тталатстса
101/	TCATGTCCAC	CGCCCAGGAG	GGCGTTCTGA	CTGTGGTAGC	CTTGACAGTA
151	TATCCGAAGG	TGCGGGAGAG	GCGGGTGTTG	AAGATGCCAT	TTTTCCTTCT
201	CCAACGGTAG	CGGTGGCGGG	GGTGGACGAG	CCAGGGGCGG	CGGCGGAGGA
251	TCTGGCCAAG	ATGGCTGCGG	GGGCGGTGTC	TTCTTCTGCG	GTAACGCCTC
301	CTTGGATACG	TCATAGCTGA	AAACGAAAGA	AGTGCGCTGT	AAGTATTACC
351	AGCGCACTTC	GGCAGCGGCA	GCACCTCGGC	AGCACCTCAG	CAGCAACATG
401	CCCAGCAAGA	AGAATGGAAG	AAGCGGACCC	CAACCACATA	AAAGGTGGGT
451	GTTCAĆGCTG	AATAATCCTT	CCGAAGACGA	GCGCAAGAAA	ATACGGGAGC
501	TCCCAATCTC	CCTATTTGAT	TATTTTATTG	TTGGCGAGGA	GGGTAATGAG
551	GAAGGACGAA	CACCTCACCT	CCAGGGGTTC	GCTAATTTTG	TGAAGAAGCA
601	AACTTTTAAT	AAAGTGAAGT	GGTATTTGGG	TGCCCGCTGC	CACATCGAGA
651	AAGCCAAAGG	AACTGATCAG	CAGAATAAAG	AATATTGCAG	TAAAGAAGGC
701	AACTTACTTA	TTGAATGTGG	AGCTCCTCGA	TCTCAAGGAC	AACGGAGTGA
751	CCTGTCTACT	GCTGTGAGTA	CCTTGTTGGA	GAGCGGGAGT	CTGGTGACCG
801	TTGCAGAGCA	GCACCCTGTA	ACGTTTGTCA	GAAATTTCCG	CGGGCTGGCT
851	GAACTTTTGA	AAGTGAGCGG	GAAAATGCAG	AAGCGTGATT	GGAAGACCAA
901	TGTACACGTC	ATTGTGGGGC	CACCTGGGTG	TGGTAAAAGC	AAATGGGCTG
951	CTAATTTTGC	AGACCCGGAA	ACCACATACT	GGAAACCACC	TAGAAACAAG
.001	TGGTGGGATG	GTTACCATGG	TGAAGAGTG	GTTGTTATTG	ATGACTTTTA
.051	TGGCTGGCTG	CCGTGGGATG	ATCTACTGAG	ACTGTGTGAT	CGATATCCAT
101	TGACTGTAGA	GACTAAAGGT	GGAACTGTAC	CTTTTTTGGC	CCGCAGTATT
151	CTGATTACCA	GCAATCAGAC	CCCGTTGGAA	TGGTACTCCT	CAACTGCTGT
201	СССАССТСТА	Chacororor	ATCCCACCAT	ምእርምምርርምምር	CTATTTCCA

L251	AGAATGCTAC	AGAACAATCC	ACGGAGGAAG	GGGGCCAGTT	CGTCACCCTT
1301	TCCCCCCAT	GCCCTGAATT	TCCATATGAA	ATAAATTACT	GAGTCTTTT
1351	TATCACTTCG	TAATGGTTTT	TATTATTCAT	TTAGGGTTTA	AGTGGGGGGT
1401	CTTTAAGATT	AAATTCTCTG	AATTGTACAT	ACATGGTTAC	ACGGATATTG
L451	TAGTCCTGGT	CGTATATACT	GTTTTCGAAC	GCAGTGCCGA	GGCCTACGTG
1501	GTCCACATTT	CTAGAGGTTT	GTAGCCTCAG	CCAAAGCTGA	TTCCTTTTGT
1551	TATTTGGTTG	GAAGTAATCA	ATAGTGGAGT	CAAGAACAGG	TTTGGGTGTG
1601	AAGTAACGGG	AGTGGTAGGA	GAAGGGTTGG	GGGATTGTAT	GGCGGGAGGA
L651	GTAGTTTACA	TATGGGTCAT	AGGTTAGGGC	TGTGGCCTTT	GTTACAAAGT
L701	TATCATCTAG	AATAACAGCA	GTGGAGCCCA	CTCCCCTATC	ACCCTGGGTG
1751	ATGGGGGAGC	AGGGCCAG		•	

FIG.3B

FIG.4A

1	AATTCAACCT	TAACCTTTCT	TATTCTGTAG	TATTCAAAGG	GTATAGAGAT
51	TTTGTTGGTC	CCCCTCCCG	GGGGAACAAA	GTCGTCAATT	TTAAATCTCA
101	TCATGTCCAC	CGCCCAGGAG	GGCGTTGTGA	CTGTGGTACG	CTTGACAGTA
151	TATCCGAAGG	TGCGGGAGAG	GCGGGTGTTG	AAGATGCCAT	TTTTCCTTCT
201	CCAACGGTAG	CGGTGGCGGG	GGTGGACGAG	CCAGGGGCGG	CGGCGGAGGA
251	TCTGGCCAAG	ATGGCTGCGG	GGGCGGTGTC	TTCTTCTGCG	GTAACGCCTC
301	CTTGGATACG	TCATAGCTGA	AAACGAAAGA	AGTGCGCTGT	AAGTATTACC
351	AGCGCACTTC	GGCAGCGGCA	GCACCTCGGC	AGCACCTCAG	CAGCAACATG
401	CCCAGCAAGA	AGAATGGAAG	AAGCGGACCC	CAACCACATA	AAAGGTGGGT
451	GTTCACGCTG	AATAATCCTT	CCGAAGACGA	GCGCAAGAAA	ATACGGGAGC
501	TCCCAATCTC	CCTATTTGAT	TATTTTATTG	TTGGCGAGGA	GGGTAATGAG
551	GAAGGACGAA	CACCTCACCT	CCAGGGGTTC	GCTAATTTTG	TGAAGAAGCA
601	AACTTTTAAT	AAAGTGAAGT	GGTATTTGGG	TGCCCGCTGC	CACATCGAGA
651	AAGCCAAAGG	AACTGATCAG	CAGAATAAAG	AATATTGCAG	TAAAGAAGGC
701	AACTTACTTA	TTGAATGTGG	AGCTCCTCGA	TCTCAAGGAC	AACGGAGTGA
751	CCTGTCTACT	GCTGTGAGTA	CCTTGTTGGA	GAGCGGGAGT	CTGGTGACCG
801	TTGCAGAGCA	GCACCCTGTA	ACGTTTGTCA	GAAATTTCCG	CGGGCTGGCT
851	GAACTTTTGA	AAGTGAGCGG	GAAAATGCAG	AAGCGTGATT	GGAAGACCAA
901	TGTACACGTC	ATTGTGGGGC	CACCTGGGTG	TGGTAAAAGC	AAATGGGCTG
951	CTAATTTTGC	AGACCCGGAA	ACCACATACT	GGAAACCACC	TAGAAACAAG
001	TGGTGGGATG	GTTACCATGG	TGAAGAAGTG	GTTGTTATTG	ATGACTTTTA
051	TGGCTGGCTG	CCGTGGGATG	ATCTACTGAG	ACTGTGTGAT	CGATATCCAT
101	TGACTGTAGA	GACTAAAGGT	GGAACTGTAC	CTTTTTTGGG	CCGCAGTATI
151	CTGATTACCA	GCAATCAGAC	CCCGTTGGAA	TGGTACTCCT	CAACTGCTGT
201	CCCAGCTGTA	GAAGCTCTCT	ATCGGAGGAT	TACTTCCTTG	GTATTTTGG

251	AGAATGCTAC	AGAACAATCC	ACGGAGGAAG	GGGGCCAGTT	CGTCACCCTT
301	TCCCCCCAT	GCCCTGAATT	TCCATATGAA	ATAAATTACT	GAGTCTTTT
351	TATCACTTCG	TAATGGTTTT	TATTATTCAT	TTAGGGTTTA	AGTGGGGGGT
401	CTTTAAGATT	AAATTCŢĊŢĠ	AATTGTACAT	ACATGGTTAC	ACGGATATTG
451	TAGTCCTGGT	CGTATTTACT	GTTTTCGAAC	GCAGCGCCGA	GGCCTACGTG
501	GTCCACATTT	CCAGAGGTTT	GTAGTCTCAG	CCAAAGCTGA	TTCCTTTTGT
1551	TATTTGGTTG	GAAGTAATCA	ATAGTGGAGT	CAAGAACAGG	TTTGGGTGTG
601	AAGTAACGGG	AGTGGTAGGA	GAAGGGTTGG	GGGATTGTAT	GGCGGGAGGA
1651	GTAGTTTACA	TATGGGTCAT	AGGTTAGGGC	TGTGGCCTTT	GTTACAAAGT
701	TATCATCTAG	AATAACAGCA	GTGGAGCCCA	CTCCCCTATC	ACCCTGGGTG
751	ATGGGGGAGC	AGGGCCAG			

FIG.4B

FIG.5A

PCVPK-15	AATTCATATTTAGCCTTTCTAATACGGTAGTATTGGAAAGGTAGGGGTAGGGGGTTGGTG
IMP999-ECO	AATTCAACCTTAACCTTTTTTTTTCTGTAGTATTCAAAGGGTATAGAGATTTTGTTGGTC
IMP1010-ST	AATTCAACCTTAACCTTTCTTATTCTGTAGTATTCAAAGGGTATAGAGATTTTGTTGGTC
IMP1011-48	AATTCAACCTTAACCTTTCTTATTCTGTAGTATTCAAAGGGCACAGAGCGGGGGTTTGAG
IMP1011-48	AATTCAACCTTAACCTTTCTTATTCTGTAGTATTCAAAGGGCACAGAGCGGGGGTTTGAG
•	***** *** **** * ** * ******
•	
PCVPK-15	CCGCCTGAGGGGGGGGGAGCTGGCCGATGTTGAATTTGAGGTAGTTAACATTCCAAGAT
IMP999-ECO	CCCCTCCCGGGGAACAAGTCGTCAATATTAAATCTCATCATGTCCACCGCCCAGGAG
IMP1010-ST	CCCCCTCCCGGGGGAACAAGTCGTCAATTTTAAATCTCATCATGTCCACCGCCCAGGAG
IMP1011-48	CCCCCTCCTGGGGGAAGAAGTCATTAATATTGAATCTCATCATGTCCACCGCCCAGGAG
IMP1011-48	CCCCCTCCTGGGGGAAGAAGTCATTAATATTGAATCTCATCATGTCCACCGCCCAGGAG
	** *** **** * ** * ** ** ** ** ** **
PCVPK-15	GGCTGCGAGTATCCTCCTTTT-ATGGTGAGTACAAATTCTGTAGAAAGGCGGGAATTG
IMP999-ECO	GGCGTTCTGACTGTGGTAGCCTTGACAGTATATCCGAAGGTGCGGGAGAGGCGGGTGTTG
IMP1010-ST	GGCGTTGTGACTGTGGTACGCTTGACAGTATATCCGAAGGTGCGGGAGAGGCGGGTGTTG
IMP1011-48	GGCGTTCTGACTGTGGTTCGCTTGACAGTATATCCGAAGGTGCGGGAGAGGCGGGTGTTG
IMP1011-48	GGCGTTTTGACTGTGGTTCGCTTGACAGTATATCCGAAGGTGCGGGAGAGGCGGGTGTTG
•	*** * ** * * * * * * * * * * * * * * * *
PCVPK-15	AAGATACCCGTCTTTCGGCGCCATCTGTAACGGTTTCTGAAGGCGGGGTGTGCCAAATAT
IMP999-ECO	AAGATGCCATTTTCCTTCTCCAACGGTAGCGGTGGC-GGGGGTGGA-CGAGCCAGGGGC
IMP1010-ST	AAGATGCCATTTTTCCTTCTCCAACGGTAGCGGTGGC-GGGGGTGGA-CGAGCCAGGGGC
IMP1011-48	AAGATGCCATTTTTCCTTCTCCAGCGGTAACGGTGGC-GGGGGTGGA-CGAGCCAGGGGC
IMP1011-48	AAGATGCCATTTTTCCTTCTCCAGCGGTAACGGTGGC-GGGGGTGGA-CGAGCCAGGGGC
	**** ** * * * * * * * * * * * * * * * *
PCVPK-15	GGTCTTCTCCGGAGGATGTTTCCAAGATGGCTGCGGGGGGGG
IMP999-ECO	GGCGGCGGAGGATCTGGCCAAGATGGCTGCGGGGGGGGGG
IMP1010-ST	GGCGGCGGAGGATCTGGCCAAGATGGCTGCGGGGGGGGGG
IMP1011-48	GGCGGCGGAGGATCTGGCCAAGATGGCTGCGGGGGGGGGG
IMP1011-48	GGCGGCGGAGGATCTGGCCAAGATGGCTGCGGGGGGGGGG
•	**
• •	
PCVPK-15	CGCCTCCTTGGCCACGTCATCCTATAAAAGTGAAAGAAGTGCGCTGCTGTAGTATTACCA
IMP999-ECO	CGCCTCCTTGGATACGTCATAGC-TGAAAACGAAAGAAGTGCGCTGTAAGTATTACCA
IMP1010-ST	CGCCTCCTTGGATACGTCATAGC-TGAAAACGAAAGAAGTGCGCTGTAAGTATTACCA
IMP1011-48	CGCCTCCTTGGATACGTCATATC-TGAAAACGAAAGAAGTGCGCTGTAAGTATTACCA
IMP1011-48	CGCCTCCTTGGATACGTCATATC-TGAAAACGAAAGAAGTGCGCTGTAAGTATTACCA

PCVPK-15	GCGCACTTCGGCAGCGGCAGCACCTCGGCAGCGTCAGTGAAAATGCCAAGCAAGAA
IMP999-ECO	GCGCACTTCGGCAGCGCACCTCGGCAGCACCTCAGCAGCAACATGCCCAGCAAGAA
IMP1010-ST	GCGCACTTCGGCAGCACCACCTCGGCAGCACCTCAGCAGCAACATGCCCAGCAAGAATCACCTCGGCAGCACCTCAGCAGCAACATGCCCAGCAAGAA
IMP1011-48	GCGCACTTCGGCAGCACCACCTCGGCAGCACCTCAGCAGCAACATGCCCAGCAAGAACAGCAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAACATGCCGAGCAAGAAGAACATGCCGAGCAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAG
IMP1011-48	GCGCACTTCGGCAGCAGCACCTCGGCAGCACCTCAGCAGCAACATGCCCAGCAAGAACATGCCCAAGCAAG

10/18 F/G5B

	F/G.3B
PCVPK-15	AAGCGGCCCGCAACCCCATAAGAGGTGGGTGTTCACCCTTAATAATCCTTC
IMP999-ECO	GAATGGAAGAAGCGGACCCCAACCACATAAAAGGTGGGTG
IMP1010-ST	GAATGGAAGAAGCGGACCCCAACCACATAAAAGGTGGGTG
IMP1011-48	GAATGGAAGAAGCGGACCCCAACCCCATAAAAGGTGGGTG
IMP1011-48	GAATGGAAGAAGCGGACCCCAACCCCATAAAAGGTGGGTG
	有有有有效 有有 有有有有 有有有有有 有力有力力的有效的现在分词 化二氯化物医二氯化物
PCVPK-15	CGAGGAGGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
IMP999-ECO	CGAAGACGAGCGCAAGAAAATACGGGAGCTCCCAATCTCCCTATTTGATTATTTTTTTT
IMP1010-ST	CGAAGACGAGCGCAAGAAAATACGGGAGCTCCCAATCTCCCTATTTGATTATTTTTTTT
IMP1011-48	CGAAGACGAGCGCAAGAAAATACGGGATCTTCCAATATCCCTATTTGATTATTTTTTTT
IMP1011-48	CGAAGACGAGCAAGAAAATACGGGATCTTCCAATATCCCTATTTGATTATTTTTTTT
	*** ** *** ** ** ********* ** **** **** ****
PCVPK-15	CGGAGAGGAAGGTTTGGAAGAGGGTAGAACTCCTCACCTCCAGGGGTTTGCGAATTTTGC
IMP999-ECO	TGGCGAGGAGGGTAATGAGGAAGGACGAACACCTCACCT
IMP1010-ST	TGGCGAGGAGGTAATGAGGAAGGACGAACACCTCACCTC
IMP1011-48	TGGCGAGGAGGGTAATGAGGAAGGACGAACACCTCACCT
IMP1011-48	TGGCGAGGAGGTAATGAGGAAGGACGAACACCTCACCTC
	** **** ***
PCVPK-15	TAAGAAGCAGACTTTTAACAAGGTGAAGTGGTATTTTGGTGCCCGCTGCCACATCGAGAA
IMP999-ECO	GAAGAAGCAAACTTTTAATAAAGTGAAGTGGTATTTGGGTGCCCGCTGCCACATCGAGAA
IMP1010-ST	GAAGAAGCAAACTTTTAATAAAGTGAAGTGGTATTTGGGTGCCCGCTGCCACATCGAGAA
IMP1011-48	GAAGAAGCAGACTTTTAATAAAGTGAAGTGGTATTTGGGTGCCCGCTGCCACATCGAGAA
IMP1011-48	GAAGAAGCAGACTTTTAATAAAGTGAAGTGGTATTTGGGTGCCCGCTGCCACATCGAGAA
•	******
PCVPK-15	AGCGAAAGGAACCGACCAGCAGAATAAAGAATACTGCAGTAAAGAAGGCCACATACTTAT
IMP999-ECO	AGCCAAAGGAACTGATCAGCAGAATAAAGAATATTGCAGTAAAGAAGGCAACTTACTT
IMP1010-ST	AGCCAAAGGAACTGATCAGCAGAATAAAGAATATTGCAGTAAAGAAGGCAACTTACTT
IMP1011-48	AGCGAAAGGAACAGATCAGCAGAATAAAGAATACTGCAGTAAAGAAGGCAACTTACTGAT
IMP1011-48	AGCGAAAGGAACAGATCAGCAGAATAAAGAATACTGCAGTAAAGAAGGCAACTTACTGAT
•	*** ****** ** ********** ******** ** **
PCVPK-15	CGAGTGTGGAGCTCCGCGGAACCAGGGGAAGCGCAGCGACCTGTCTACTGCTGTGAGTAC
IMP999-ECO	TGAATGTGGAGCTCCGCGGAACCAGGGGAAGCGCAGCGACCTGTCTACTGCTGTGAGTAC
IMP1010-ST	TGAATGTGGAGCTCCTCGATCTCAAGGACAACGGAGTGACCTGTCTACTGCTGTGAGTAC
IMP1010-51	GGAGTGTGGAGCTCCTAGATCTCAGGGACAACGGAGTGACCTGTCTACTGCTGTGAGTAC
IMP1011-48	GGAGTGTGGAGCTCCTAGATCTCAGGGACAACGGAGTGACCTGTCTACTGCTGTGAGTAC
IMPIUII-46	** ****** * * * * * * * * * * * * * *
PCVPK-15	CCTTTTGGAGACGGGGTCTTTGGTGACTGTAGCCGAGCAGTTCCCTGTAACGTATGTGAG
IMP999-ECO	CTTGTTGGAGAGCGGGAGTCTGGTGACCGTTGCAGAGCAGCACCCTGTAACGTTTGTCAG
IMP1010-ST	CTTGTTGGAGAGCGGGAGTCTGGTGACCGTTGCAGAGCAGCACCCTGTAACGTTTGTCAG
IMP1011-48	CTTGTTGGAGAGCGGGAGTCTGGTGACCGTTGCAGAGCAGCACCCTGTAACGTTTGTCAG
IMP1011-48	CTTGTTGGAGAGCGGGAGTCTGGTGACCGTTGCAGAGCAGCACCCTGTAACGTTTGTCAG
	* * ****** *** * ****** ** ** ***** ****
PCVPK-15	AAATTTCCGCGGGCTGGCTGAACTTTTGAAAGTGAGCGGGAAGATGCAGCAGCGTGATTG
IMP999-ECO	AAATTTCCGCGGGCTGAACTTTTGAAAGTGAGCGGGAAAATGCAGAGCGTGATTG
IMP1010-ST	AAATTTCCGCGGGCTGGACTTTTGAAAGTGAGCGGGAAAATGCAGAGCGTGATTG
IMP1010-31	AAATTTCCGCGGGCTGGACTTTTGAAAGTGAGCGGGAAAATGCAGAGCGTGATTG
IMP1011-48	AAATTTCCGCGGGCTGGCTGAACTTTTGAAAGTGAGCGGGAAAATGCAGAGCGTGATTG
INFIULT-40	***********************************
	\cdot

FIG.5C

PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	GAAGACAGCTGTACACGTCATAGTGGGCCCGCCCGGTTGTGGGAAGAGCCAGTGGGCCCG GAAGACCAATGTACACGTCATTGTGGGGCCACCTGGGTGTGGTAAAAGCAAATGGGCTGC GAAGACCAATGTACACGTCATTGTGGGGCCACCTGGGTGTGGTAAAAGCAAATGGGCTGC GAAGACTAATGTACACGTCATTGTGGGGCCACCTGGGTGTGGTAAAAGCAAATGGGCTGC GAAGACTAATGTACACGTCATTGTGGGGCCACCTGGGTGTGGTAAAAGCAAATGGGCTGC
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48	TAATTTTGCTGAGCCTAGGGACACCTACTGGAAGCCTAGTAGAAATAAGTGGTGGGATGG TAATTTTGCAGACCCGGAAACCACATACTGGAAACCACCTAGAAACAAGTGGTGGGATGG TAATTTTGCAGACCCGGAAACCACATACTGGAAACCACCTAGAAACAAGTGGTGGGATGG TAATTTTGCAGACCCGGAAACCACATACTGGAAACCACCTAGAAACAAGTGGTGGGATGG
IMP1011-48	TAATTTTGCAGACCCGGAAACCACATACTGGAAACCACCTAGAAACAAGTGGTGGGATGG
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	ATATCATGGAGAAGAGTTGTTTTTGGATGATTTTTATGGCTGGTTACCTTGGGATGA TTACCATGGTGAAGAAGTGGTTGTTATTGATGACTTTTATGGCTGGC
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	TCTACTGAGACTGTGACCGGTATCCATTGACTGTAGAGACTAAAGGGGGTACTGTTCC TCTACTGAGACTGTGATCGATATCCATTGACTGTAGAGACTAAAGGTGGAACTGTACC TCTACTGAGACTGTGTGATCGATATCCATTGACTGTAGAGACTAAAGGTGGAACTGTACC TCTACTGAGACTGTGTGATCGATATCCATTGACTGTAGAGACTAAAGGTGGAACTGTACC TCTACTGAGACTGTGATCGATATCCATTGACTGTAGAGACTAAAGGTGGAACTGTACC
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	TTTTTTGGCCCGCAGTATTTTGATTACCAGCAATCAGGCCCCCAGGAATGGTACTCCTC TTTTTTGGCCCGCAGTATTCTGATTACCAGCAATCAGACCCCGTTGGAATGGTACTCCTC TTTTTTGGCCCGCAGTATTCTGATTACCAGCAATCAGACCCCGTTGGAATGGTACTCCTC TTTTTTGGCCCGCAGTATTCTGATTACCAGCAATCAGACCCCGTTGGAATGGTACTCCTC TTTTTTGGCCCGCAGTATTCTGATTACCAGCAATCAGACCCCGTTGGAATGGTACTCCTC
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	AACTGCTGTCCCAGCTGTAGAAGCTCTCTATCGGAGGATTACTACTTTGCAATTTTGGAA AACTGCTGTCCCAGCTGTAGAAGCTCTCTATCGGAGGATTACTTCCTTGGTATTTTGGAA AACTGCTGTCCCAGCTGTAGAAGCTCTCTATCGGAGGATTACTTCCTTGGTATTTTGGAA AACTGCTGTCCCAGCTGTAGAAGCTCTTTATCGGAGGATTACTTCCTTGGTATTTTGGAA AACTGCTGTCCCAGCTGTAGAAGCTCTTTATCGGAGGATTACTTCCTTGGTATTTTGGAA
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	GACTGCTGGAGAACAATCCACGGAGGTACCCGAAGGCCGATTTGAAGCAGTGGACCCACC GAATGCTACAGAACAATCCACGGAGGAAGGGGGCCAGTTCGTCACCCTTTCCCCCCC GAATGCTACAGAACAATCCACGGAGGAAGGGGGCCAGTTCGTCACCCTTTCCCCCCC GAATGCTACAGAACAATCCACGGAGGAAGGGGGCCAGTTCGTCACCCTTTCCCCCCC GAATGCTACAGAACAATCCACGGAGGAAGGGGGCCAGTTCGTCACCCTTTCCCCCCC
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	CTGTGCCCTTTTCCCATATAAATAAATTACTGAGTCTTTTTTGTTATCACATCGTAATG ATGCCCTGAATTTCCATATGAAATAAATTACTGAGTCTTTTTTATCACTTCGTAATG ATGCCCTGAATTTCCATATGAAATAAATTACTGAGTCTTTTTTATCACTTCGTAATG ATGCCCTGAATTTCCATATGAAATAAATTACTGAGTCTTTTTTATCACTTCGTAATG ATGCCCTGAATTTCCATATGAAATAAATTACTGAGTCTTTTTTATCACTTCGTAATG

FIG.5D

PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	GTTTTATT-TTTATTTATTTAGAGGGTCTTTTAGGATAATTCTCTGAATTG GTTTTTATTATTCATTTAGGGTTTAAGTGGGGGGGTCTTTAAGATTAAATTCTCTGAATTG GTTTTTATTATTCATTTAGGGTTTAAGTGGGGGGGTCTTTAAGATTAAATTCTCTGAATTG GTTTTTATTATTCATTAAGGGTT-AAGTGGGGGGTCTTTAAGATTAAATTCTCTGAATTG GTTTTTATTATTCATTAAGGGTT-AAGTGGGGGGTCTTTAAGATTAAATTCTCTGAATTG
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	TACATAAATAGTCAGCCTTACCACATAATTTTGGGCTGTGGCTGC-ATTTTGGAGCGCAT TACATACATGGTTACACGGATATTGTAGTCCTGG-TCGTATATACTGTTTTCGAACGCAG TACATACATGGTTACACGGATATTGTAGTCCTGG-TCGTATTACTGTTTTCGAACGCAG TACATACATGGTTACACGGATATTGTATTCCTGG-TCGTATATACTGTTTTCGAACGCAG TACATACATGGTTACACGGATATTGTATTCCTGG-TCGTATATACTGTTTTCGAACGCAG
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	AGCCGAGGCCTGTGTGCTCGACATTGGTGTGGGGTATTTAAATGGAGCCACAGCTGGTTTC TGCCGAGGCCTACGTGGTCCACATTTCTAGAGGTTTGTAGCCTCAGCCAAAGCTGATTCC CGCCGAGGCCTACGTGGTCCACATTTCCAGAGGTTTGTAGTCTCAGCCACAGCTGGTTTC TGCCGAGGCCTACGTGGTCTACATTTCCAGCAGTTTGTAGTCTCAGCCACAGCTGGTTTC TGCCGAGGCCTACGTGGTCTACATTTCCAGTAGTTTGTAGTCTCAGCCACAGCTGATTTC
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	TTTTATTATTTGGGTGGAACCAATCAATTGTTTGGTCCAGCTCAGGTTTGGGGGTGAAGT TTTTGTTATTTGGTTGGAAGTAATCAATAGTGGAGTCAAGAACAGGTTTGGGTGTGAAGT TTTTGTTATTTGGTTGGAAGTAATCAATAGTGGAGTCAAGAACAGGTTTGGGTGTGAAGT TTTTGTTGTTTGGTTGGAAGTAATCAATAGTGGAATCTAGGACAGGTTTGGGGGTAAAGT TTTTGTTGTTTGGTTGGAAGTAATCAATAGTGGAATCTAGGACAGGTTTGGGGGTAAAGT
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	ACCTGGAGTGGTAGGTAAAGGGCTGCCTTATGGTGTGGCGGGAGGAGTAGTTAATATAGG AACGGGAGTGGTAGGAGAAGGGTTGGGGGATTGTATGCGGGAGGAGTAGTTTACATATG AACGGGAGTGGTAGGAGAAGGGTTGGGGGATTGTATGCGGGAGGAGTAGTTTACATATG AGCGGGAGTGGTAGGAGAAGGGCTGGGTTATGGTATGG
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	GGTCATAGGCCAAGTTGGTGGAGGGGGTTACAAAGTTGGCATCCAAGATAACAACAGTGG GGTCATAGGTTAGGGCTGTGGCCTTTGTTACAAAGTTATCATCTAGAATAACAGCAGTGG GGTCATAGGTTAGGGCTGTGGCCTTTGTTACAAAGTTATCATCTAGAATAACAGCACTGG GGTCATAGGTGAGGGCTGTGGCCTTTGTTACAAAGTTATCATCTAGAATAACAGCACTGG GGTCATAGGTGAGGGCTGTGGCCTTTGTTACAAAGTTATCATCTAGAATAACAGCACTGG
PCVPK-15 IMP999-ECO IMP1010-ST IMP1011-48 IMP1011-48	ACCCAACACCTCTTTGATTAGAGGTGATGGGGTCTCTGGGGTAA AGCCCACTCCCCTATCACCCTGGGTGATGGGGGAGCAGGGCCAG AGCCCACTCCCCTATCACCCTGGGTGATGGGGGAGCAGGGCCAG AGCCCACTCCCCTGTCACCCTGGGTGATCGGGGAGCAGGGCCAG AGCCCACTCCCCTGTCACCCTGGGTGATCGGGGAGCAGGGCCAG * ** ** ** ** ** * * * * * ** ** * * * *

FIG.6A

1	GAATTCAACC	TTAACCTTTT	TTATTCTGTA	gTATTCAAAG	GGTATAaAgA
51	TTTTGTTGGT	CCCCCTCCC	GGGGGAACAA	AGTCgTCAAT	ATTAAATCTC
101	ATCATGTCCA	CCGCCCAGGA	GGGCGTTCTG	ACTGTGGTAg	CCTTGACAGT
151	ATATCCGAAG	GTGCGGGAGA	rGCGGGTGTT	GAAAATGCCA	TTTTTCCTTC
201	TCCAACGGTA	GCGGTGGCGG	GGGTGGACmA	nCCAcgGGCG	GCGGCGGAwG
251	ATCTGGCCAA	GATGGCTGCG	GGGGCGTGT	CTTCTTCTGC	GGTAACGCCT
301	CCTTGGATAC	GTCATAGCTG	AAAACGAAAG	AAGTGCGCTG	TAAGTATTAC
351	CAGCGCACTT	CGGCAGCGGC	AGCACCTCGG	CAGCACCTCA	GCAGCAACAT
401	GCCCAGCAAG	AAGAATGGAA	GAAGCGGACC	CCAACCACAT	AAAAGGTGGG
451	TGTTCACGCT	GAATAATCCT	TCCGAAGACG	AGCGCAAGAA	AATACGGGAG
501	CTCCCaATCT	CCCTATTTGA	TTATTTTATT	GTTGGCGAGG	AGGGTWWTGA
551	gGAAnGACgA	ACACCTCACC	TCCAGGGGTT	CGCtAATTTT	GTGAAGAAgC
601	aaACTTtTAA	TAAAGTGAAG	TGGTATTTGG	GTGCCCGCTG	CCACATCGAG
651	AAAGCCAaAG	GAACTGATCA	GCAGAATAAA	GAATATTGCA	GTAAAgAAGG
701	CAACTTACTT	ATTGAATGTG	GAGCTCCTCG	ATCTCAAGGA	CAACGGAGTG
751	ACCTGTCTAC	TGCTGTGAGT	ACCTTGTTGG	AGAGCGGGAG	TCTGGTGACC
801	GTTGCAGAGC	AGCACCCTGT	AACGTTTGTC	AGAAATTTCC	GCGGGCTGGC
851	TGAACTTTTG	AAAGTGAGCG	GGAAAATGCA	GAAGCGTGAT	TGGAAGACCA
901	ATGTACACGT	CATTGTGGGG	CCACCTGGGT	GTGGTAAAAG	CAAATGGGCT
951	GCTAATTTTG	CAGACCCGGA	AACCACATAC	TGGAAACCAC	CTAGAAACAA
1001	GTGGTGGGAT	GGTTACCATG	GTGAAGAAGT	GGTTGTTATT	GATGACTTTT
1051	ATGGCTGGCT	GCCGTGGGAT	GATCTACTGA	GACTGTGTGA	TCGATATCCA
1101	TTGACTGTAG	AGACTAAAGG	TGGAACTGTA	CNNNNNNGG	CCCGCAGTAT
1151	TCTGATTACC	AGCAATCAGA	CCCCGTtGGA	ATGGTACTCC	TCAACTGCTG
1201	TCCCAGCtGT	AGAAGCTCTC	TATCGGAGGA	LEACTTCCTT	GGTATTTEGG
1251	AaGAATGCTA	CAGAACAATC	CACGGAGGAA	GGGGGCCAGT	TnGTCACCCT

1301	TTCCCCCCCA	TGCCcTGAAT	TTCCATaTGA	AATAAATTAC	TGAGTCTTTT
1351	TTATCACTTC	GTAATGGTTT	TTATTATTCA	TTTAGGGTTT	AAGTGGGGG
1401	TCTTTAAGAT	TAAATTCTCT	GAATTGTACA	TACATGGTTA	CACGGATATT
1451	GTAGTCCTGG	TCGTATATAC	TGTTTTCGAA	CGCAGTGCCG	AGGCCTACGT
1501	GGTCCACATT	TCTAGAGGTT	EGTAGCCTCA	gCCAAAGCtG	ATTCCTTTTG
1551	TTATTTGGTT	GGAAGTAATC	AATAGTGGAG	TCAAGAACAG	GTTTGGGTGT
1601	GAAGTAACGG	GAGTGGTAGG	AGAAGGGTTG	GGGGATTGTA	TGGCGGGAGG
1651	AGTAGTTTAC	ATATGGGTCA	TAGGTTAGGG	CTGTGGCCTT	TGTTACAAAG
1701	TTATCATCTA	GAATAACAGC	AGTGGAGCCC	ACTCCCCTAT	CACCCTGGGT
1751	GATGGGGGAG	CAGGGCCA			

FIG.6B

THE RESIDENCE OF A PROPERTY OF

1000

THE RESERVE OF THE PROPERTY OF

oralige er om op kylåge om te getäre.

138

TO A CONTROL OF THE PROPERTY O

écon le larceur frence lacerese prevates plents procédative pacallación. TO THE TRANSPORT OF THE STATE O

and the last

2730

《《网络·1000 · 文字》,《通過》,對於其《原傳集》,於傳傳文學,亦可有數數《原》,如即使的表示,亦可以在於其名(《中),如此,亦可以不為《問

the statement of the first and the statement

A BOTTO COMPLIANT CHIEF CONTROL PROPERTY STORES AND CONTROL OF THE CONTROL OF THE PARTY OF THE PARTY OF THE CREATE TRANSPORT OF THE PROPERTY OF THE PROPER

ny Asian maren di

1323

t. Virgi. Kaari dinabedar iliyabadabi de barindi.

i de diferencia escaparen el seguin de esta de esta de esta en esta de la comparta de la comparta de esta de e

y de la companya del companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya de la companya del companya de la companya d

主要名字

. .0,120

3 1 2

20.33

1,375

FIG.7B

•	12	89	1279	1269	1259	1249	
geon e				CCGTGGATTG	•	•	እስጥስ <i>ር</i> ፣
ocon.s							
				1111111111			, , ,
pcveco	TGCTTCAA	ATCGGCCTTC	CGGGTACCT	CCGTGGATTG	TTCTCCAGC	AGTCTTCCAA	AATTG
	48	0 49	90	50 0	510	520	530
		• •		*			
		1220		3200	1100	3300	
	1239	1229				1189	
8con.s	CAAGGAAG	TAATCCTCCC	SATAGAGAG	CTTCTACAGO	TGGGACAGC	AGTTGAGGAG	TACCA
		1111111111		1111111111	11111111		
pcveco				CTTCTACAGO	,		
F	54			560	570	580	590
	24	0 55		300	370	380	370
				1149		1129	
Bcon.s	TTCCAACG	GGGTCTGAT1	CCTGGTAA	TCAGAATACT	GCGGGCCNNI	NNNNNGTACA	GTTCC
				111 111111			
				ТСААААТАСТ			
peveco							
	60	0 61	LO	620	630	640	650
1.					**		
	1119	1109	1099	1089	1079	1069	
8con e	ъссттас	тстстасаст	 የሮአ አጥርርአጥ	ATCGATCACA	CACTOTOAG'		ירארפפ
ocon.s							
				F. F. 11111			
pcveco	CCCTTTAG	TCTCTACAGI	CAATGGAT.	ACCGGTCACA	.CAGTCTCAG	TAGATCATCC	CAAGG
	66	0 67	70	680	690	700	710
. •							
	1059	1049	1039	1029	1019	1009	
							CACCA
econ.s				CAACCACTTC			
٠.		11111111111		1111 13111	111 11111	_ 1	1111
pcveco				CAACAACTTC			
pcveco		CATAAAAATC	CATCCAAAA	CAACAACTTC			
pcveco	TAACCAGC	CATAAAAATC	CATCCAAAA	CAACAACTTC	TTCTCCATG	ATATCCATCC	CACCA
pcveco	TAACCAGC 72	CATAAAAATO	CATCCAAAA 30	CAACAACTTO 740	TTCTCCATG	760	CACCA
	TAACCAGC 72 999	CATAAAAATC 0 73	CATCCAAAA 30 979	CAACAACTTC 740 969	TTCTCCATG. 750 959	ATATCCATCC 760 949	770
	TAACCAGC 72 999	CATAAAATC 0 72 989 TAGGTGGTT	PATCCAAAA 30 979 PCCAGTATG	CAACAACTTC 740 969 TGGTTTCCGG	TTCTCCATG 750 959 GTCTGCAAA	ATATCCATCC 760 949 ATTAGCAGCC	CATTT
8con.s	TAACCAGC 72 999 CTTGTTTC	CATAAAAATC 0 73 989 TAGGTGGTTT	CATCCAAAA 30 979 FCCAGTATG	CAACAACTTC 740 969 TGGTTTCCGG	TTCTCCATG 750 959 GTCTGCAAA	ATATCCATCC 760 949 ATTAGCAGCC	CATTT
8con.s	TAACCAGC 72 999 CTTGTTTC	CATAAAAATC 0 73 989 TAGGTGGTTT	CATCCAAAA 30 979 FCCAGTATG	CAACAACTTC 740 969 TGGTTTCCGG	TTCTCCATG 750 959 GTCTGCAAA	ATATCCATCC 760 949 ATTAGCAGCC	CATTT
8con.s	TAACCAGC 72 999 CTTGTTTC CTTATTTC	CATAAAAATC 0 72 989 TAGGTGGTTT	PATCCAAAA 979 PCCAGTATG	CAACAACTTC 740 969 TGGTTTCCGG	TTCTCCATG 750 959 GTCTGCAAA GCTCAGCAAA	ATATCCATCC 760 949 ATTAGCAGCC ATTACGGGCC	CATTT
8con.s	TAACCAGC 72 999 CTTGTTTC	CATAAAAATC 0 72 989 TAGGTGGTTT	PATCCAAAA 979 PCCAGTATG	CAACAACTTC 740 969 TGGTTTCCGG	TTCTCCATG 750 959 GTCTGCAAA GCTCAGCAAA	ATATCCATCC 760 949 ATTAGCAGCC ATTACGGGCC	CATTT
8con.s	TAACCAGC 72 999 CTTGTTTC CTTATTTC 78	CATAAAAATC 0 73 989 TAGGTGGTTT	979 FCCAGTATG FCCAGTAGG 90	CAACAACTTC 740 969 TGGTTTCCGC TGTCCCTAGG	959 GTCTGCAAA GCTCAGCAAA	ATATCCATCC 760 949 ATTAGCAGCC ATTACGGGCC 820	CATTT
8con.s	TAACCAGC 72 999 CTTGTTTC CTTATTTC	CATAAAAATC 0 73 989 TAGGTGGTTT	979 FCCAGTATG FCCAGTAGG 90	CAACAACTTC 740 969 TGGTTTCCGG	959 GTCTGCAAA GCTCAGCAAA	ATATCCATCC 760 949 ATTAGCAGCC ATTACGGGCC	CATTT
8con.s	TAACCAGC 72 999 CTTGTTTC CTTATTTC 78	CATAAAAATC 989 TAGGTGGTTT	979 FCCAGTATG FCCAGTAGG 90 919	CAACAACTTC 740 969 TGGTTTCCGC TGTCCCTAGG	959 GTCTGCAAA CTCAGCAAA 810	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820	CACCA 770 CCATTT CCACTG 830
8con.s	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC	989 TAGGTGGTTT TACTAGGCTT 0 79	979 FCCAGTATG FCCAGTAGG 90 919 GTGGCCCCA	CAACAACTTC 740 969 TGGTTTCCGG TGTCCCTAGG 800 909	959 GTCTGCAAA CTCAGCAAA 810 899 GTACATTGGT	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA	CACCA 770 CCATTT CCACTG 830
8con.s pcveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC	989 TAGGTGGTTT TACTAGGCTT 929 CCACACCCAGC	979 TCCAGTATG TCCAGTAGG 90 919 GTGGCCCCA	CAACAACTTC 740 969 TGGTTTCCGG TGTCCCTAGG 800 909 CAATGACGTG	959 GTCTGCAAA CTCAGCAAA 810 899 GTACATTGGT	ATATCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA	CACCA 770 CCATTT CCACTG 830
8con.s pcveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC	989 TAGGTGGTTT TACTAGGCTT 929 CCACACCCAGC	979 TCCAGTATG TCCAGTAGG 90 919 GTGGCCCA	CAACAACTTC 740 969 TGGTTTCCGG 11 TGTCCCTAGG 800 909 CAATGACGTG	959 GTCTGCAAA CTCAGCAAA 810 899 GTACATTGGT	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA	CACCA 770 CATTT CACTG 830 ACGCTT
8con.s pcveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC	989 TAGGTGGTTT TACTAGGCTT 929 CCACACCCAGC	979 TCCAGTATG TCCAGTAGG 90 919 GTGGCCCA	CAACAACTTC 740 969 TGGTTTCCGG TGTCCCTAGG 800 909 CAATGACGTG	959 GTCTGCAAA CTCAGCAAA 810 899 GTACATTGGT	ATATCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA	CACCA 770 CCATTT CCACTG 830
8con.s pcveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC	989 TAGGTGGTTT TACTAGGCTT 929 CCACACCCAGC	979 TCCAGTATG TCCAGTAGG 90 919 GTGGCCCA	CAACAACTTC 740 969 TGGTTTCCGG 11 TGTCCCTAGG 800 909 CAATGACGTG	959 GTCTGCAAA CTCAGCAAA 810 899 GTACATTGGT	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA	CACCA 770 CATTT CACTG 830 ACGCTT
8con.s pcveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC GCTCTTCC 84	989 TAGGTGGTT TACTAGGCT 929 CACACCCAGG CACACCCAGG	979 TCCAGTATG TCCAGTAGG 90 919 GTGGCCCA	CAACAACTTO 740 969 TGGTTTCCGG	959 GTCTGCAAA CTCAGCAAA 810 899 GTACATTGGT	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA	CACCA 770 CATTT CACTG 830 ACGCTT
8con.s pcveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC GCTCTTCC 84	989 TAGGTGGTTT	979 CCAGTATG CCAGTAGG 90 919 STGGCCCA SCGGGCCCA	CAACAACTTC 740 969 TGGTTTCCGG 1	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTT 890
8con.s pcveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC GCTCTTCC 84	989 TAGGTGGTTT	979 CCAGTATG CCAGTAGG 90 919 GTGGCCCA GCGGGCCA 50 859 CTTTCAAAA	CAACAACTTO 740 969 TGGTTTCCGG TGTCCCTAGG 800 909 CAATGACGTO CTATGACGTO 860 849	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890
8con.s poveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC GCTCTTCC 84 879 CTGCATTT	989 TAGGTGGTTT 1	979 CCAGTATG CCAGTAGG 90 919 GTGGCCCA GCGGGCCCA 50 859 CTTTCAAAA	CAACAACTTO 740 969 TGGTTTCCGG TGTCCCTAGG 800 909 CAATGACGTG CTATGACGTG 860 849	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA CTTCCAATCA 880 829 ATTTCTGACA	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT
8con.s poveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC GCTCTTCC 84 879 CTGCATTT	989 TAGGTGGTTT 1	979 CCAGTATG CCAGTAGG 90 919 GTGGCCCA GCGGGCCCA 50 859 CTTTCAAAA	CAACAACTTO 740 969 TGGTTTCCGG TGTCCCTAGG 800 909 CAATGACGTO CTATGACGTO 860 849	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA 880 829 ATTTCTGACA ATTTCTCACA	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT ATACGT
8con.s poveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC GCTCTTCC 84 879 CTGCATTT	989 TAGGTGGTTT	979 CCAGTATG CCAGTATG CCAGTAGG 90 919 GTGGCCCA GCGGGCCCA 50 859 CTTTCAAAA	CAACAACTTO 740 969 TGGTTTCCGG TGTCCCTAGG 800 909 CAATGACGTG CTATGACGTG 860 849	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA CTTCCAATCA 880 829 ATTTCTGACA	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT
8con.s poveco	72 999 CTTGTTTC CTTATTTC 78 939 GCTTTTAC GCTCTTCC 84 879 CTGCATTT CTGCATCT	989 TAGGTGGTTT	979 CCAGTATG CCAGTATG CCAGTAGG 90 919 GTGGCCCA GCGGGCCCA 50 859 CTTTCAAAA	CAACAACTTO 740 969 TGGTTTCCGG TGTCCCTAGG 800 909 CAATGACGTO CTATGACGTO 860 849 GTTCAGCCAO	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA 880 829 ATTTCTGACA ATTTCTCACA	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT ATACGT
8con.s poveco	72 999 CTTGTTTC 78 939 GCTTTTAC GCTCTTCC 84 879 CTGCATTT CTGCATCT	989 TAGGTGGTTT TACTAGGCTT 929 CACACCCAGG CACAACCGGG CACAACCGGGG CACAACCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	979 CCAGTATG CCAGTATG CCAGTAGG 90 919 GTGGCCCCA GCGGGCCCA 50 859 CTTTCAAAA	CAACAACTTO 740 969 TGGTTTCCGG TGTCCCTAGG 800 909 CAATGACGTO 860 849 GTTCAGCCAC	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA GCCCGCGGAA 930	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA 880 829 ATTTCTGACA ATTTCTCACAGCO 940	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT ATACGT
8con.s poveco	72 999 CTTGTTTC 78 939 GCTTTTAC GCTCTTCC 84 879 CTGCATTT CTGCATCT 90 819	989 TAGGTGGTTT	979 CCAGTATG CCAGTATG CCAGTAGG 90 919 GTGGCCCCA SO 859 CTTTCAAAA CTTTCAAAA	CAACAACTTO 740 969 TGGTTTCCGG TGTCCCTAGG 800 909 CAATGACGTG CTATGACGTG 860 849 GTTCAGCCAG	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA GCCCGCGGAA 930	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA CTTCCAATCA 880 829 ATTTCTGACA ATTTCTCACA 940	CCACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT ATACGT 950
8con.s poveco	TAACCAGC 72 999 CTTGTTTC 78 939 GCTTTTAC GCTCTTCC 84 879 CTGCATTT CTGCATCT 90 819 TACAGGGT	989 TAGGTGGTTT	979 CARCCAAAA 979 CCAGTATG CCAGTAGG 90 919 GTGGCCCCA GCGGGCCCA 50 859 CTTTCAAAA CTTTCAAAA 10 799 CAACGGTCA	CAACAACTTO 740 969 TGGTTTCCGG	959 GTCTGCAAA GTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA GCCCGCGGAA 930 779 CGCTCTCCAA	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA CTTCCAATCA 880 829 ATTTCTGACA ATTTCTCACA 940	CCACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT ATACGT 950
8con.s poveco 8con.s poveco	TAACCAGC 72 999 CTTGTTTC 78 939 GCTTTTAC GCTCTTCC 84 879 CTGCATTT CTGCATCT 90 819 TACAGGGT	989 TAGGTGGTTT 1	979 CCAGTAGG 919 GTGGCCCA 919 GTGGCCCA 919 GTGGCCCA 919 GTGGCCCA 1	CAACAACTTO 740 969 TGGTTTCCGG	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA GCCCGCGGAA 930 779 CGCTCTCCAA	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA CTTCCAATCA 880 829 ATTTCTGACA ATTCTCACA 940 769 CCAAGGTACTO	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT ATACGT 950 CACAGC
8con.s poveco 8con.s poveco	TAACCAGC 72 999 CTTGTTTC 78 939 GCTTTTAC GCTCTTCC 84 879 CTGCATTT CTGCATCT 90 819 TACAGGGT	989 TAGGTGGTTT 1	979 CCAGTAGG 919 GTGGCCCA 919 GTGGCCCA 919 GTGGCCCA 919 GTGGCCCA 1	CAACAACTTO 740 969 TGGTTTCCGG	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA GCCCGCGGAA 930 779 CGCTCTCCAA	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA CTTCCAATCA 880 829 ATTTCTGACA ATTCTCACA 940 769 CCAAGGTACTO	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT ATACGT 950 CACAGC
8con.s poveco 8con.s poveco	72 999 CTTGTTTC 78 939 GCTTTTTC 84 879 CTGCATTT CTGCATCT 90 819 TACAGGGT	989 TAGGTGGTTT	979 CCAGTAGG 919 GTGGCCCA 919 GTGGCCCA 919 GTGGCCCA 919 GTGGCCCA 1	CAACAACTTO 740 969 TGGTTTCCGG	959 GTCTGCAAA GCTCAGCAAA 810 899 GTACATTGGT GTACAGCTGT 870 839 GCCCGCGGAA GCCCGCGGAA 930 779 CGCTCTCCAA	ATATCCATCO 760 949 ATTAGCAGCO ATTACGGGCO 820 889 CTTCCAATCA CTTCCAATCA 880 829 ATTTCTGACA ATTCTCACA 940 769 CCAAGGTACTO	CACCA 770 CCATTT CCACTG 830 ACGCTT ACGCTG 890 AAACGT ATACGT 950 CACAGC

			, .		1. (710			•	M.	/ (•
	759		749		739		729		719		709	
8con.s	AGTAG	ACAGG	TCACT	CCGTT				GGAGC		מייים		тавстт
0005												
pcveco												
peveco			16661		ILCC		ا د د د د				ATAAG	
	1	L020		1030		1040		1050)'	1060		1070
						,						
	699				679				659		649	
8con.s	GCCTT	TTTA	CTGC	TATAL	CTTT	ATTCT	SCTGA	TCAGI	TCCTT	TGGCT	TTCTC	GATGTG
*			11111		$\Pi\Pi\Pi$	11111		\mathbf{H}	11111	1 111		114111
pcveco												
-		1080		1090	٠.	1100		1110		1120		1130
	_										•	
	639		620		610		600		599		589	
												3 mm3 c/c :
8con.s												
												111 11
pcveco	GCAGC	EGGCA	CCAAA		ACTT					TCTTA		
]	L140		1150		1160		1170)	1180		1190
•										·×		
	579		569		559		549		539		529 -	
8con.s	GAACCO	CTGG	AGGTO	AGGTO	TTCG	TCNTT	CTCA	WWACO	CTCCT	CGCCA	ACAAT.	AAAATA
*										1/11		111111
pcveco												
perceo		L200		i210		1220		1230		1240		1250
	_	1200		1210		1220		1230	,	1240		1230
	519		509								469	
8con.s												
pcveco	ATCAA	LAAGG	GAGAT	TGGA	GCTC	CCGTA:	TTTTG	TTTT	CTCCT	CCTCG	GAAGG	ATTATT
		L260		1270		1280	•	1290) ·	1300		1310
	. •											
.,5	459		449		439		429)	419		409	
8con.s	CAGCG	rgaac	ACCC	ACCTTI	TATG	TGGTT	GGGT	rcccc1	TCTTC	CATTC	TTCTT	GCTGGG
						1111						111 11
pcveco	AACCC	ווווו רכמאר	יאריריז יאריריז	\	באינה עינהי דונוני	CCCTT		ירווו	 			GCTTGG
peveco	ANGGG.	1320	ACCCA	1220	IAIG	3340						1360
		1320		1330		1340	*	1350	,			1360
•												
•	399		389		379		369					
8con.s	CATGT	rgctg						7.			4.7	
10, 1	+111.1	1	$\Pi\Pi$			$\mathbf{H}\mathbf{H}$	HH			11111	HHHI	
pcveco	CATTT	rCA	CTGA-	CGCT	rgccg	AGGTG	CTGCC	CCTG	CCGAAG	TGCGC	TGGTA	ATACTA
		1370) "	1:	80	1	390	1	L400	. 1	410	
			:	*			•				,	
	339		329	.	3	19 .		109	2	99.	2	89 :
8con.s												
· ocon.s				. *								111111
					1111			, , ,				
-												GCAGAA
1	420	1.4	30	14	140	1	450	. :	1460	1	470	
٠,												
	27	9	26	9	2	59	2	249	2	39	2	29
8con.s	GAAGA	CACCG	cccc	EGCAG	CATO	TTGGC	CAGAT	CWTC	CGCCGC	CGCCC	GTGGN	TKGTCC
	1111					HH						1:1
peveco											-	TGGCAC
	480		90		500		77. 510		1520		530	
T.	100	14		1:	200	1	J # O		1320	. ^		

	219		209	199	189	179
8con.s	ACCCCCCCC	:A	CCGCTACCGT	TTGGAGAAGG <i>I</i>	AAAAATGGCAT	TTTCAACACCCGC
,	1 1111111	. 1	H	111 1 11		11111 11111
pcveco	A-CCCCGCC	TTCAGAAA	CCGTTACAGA	ATGGCGCCGA	AGACGGGTAT	CTTCAATTCCCGC
3	L540	1550	1560	1570	1580	1590
		. '				•
	169	159	149	139	129	119
8con.s	YTCTCCCGC	ACCTTCGG	ATATACTGT	CAAGGCTACCA	CAGTCAGAAC	GCCCTCCTGGGCG
* :	:	· 11 1				
pcveco	CTTTCTACA	GAATTTGT	ACTCACCATA	\AAAG-GAGGI	TACTCGCA	GCCATCTTGGAAT
- 1	L600	1610	1620	1630	1640	1650
					<i>;</i>	•
	109	99	89	79	69	59
Bcon.s	GTGGACATG		•	GACTTTGTT	CCCCGGGAGG	GGGGACCAACAAA
4 1 2 2 E		1111	41 11 1 1			
pcveco	GTTAACTAC	CTCAAATT	CAACATCGGC	CAGTTCCTCC	CCCCCTCAGG	CGGCACCAACCCC
	1660	1670	1680	1690	1700	1710
• *	49	39	29	19	9	
8con.s	ATCTTTATA			ATAAAAAAGG	STTAAGGTT	
				11 1 11111		
pcveco				TATTAGAAAGO	SCTAAATAT	
	1720	1730	1740	1750		•